



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

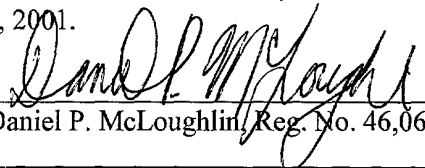
Applicant: John T. Moy and Richard A. Barry  
Serial No: 09/760,510  
Filed: January 12, 2001  
For: SERVICE DISCOVERY USING A USER DEVICE INTERFACE  
TO AN OPTICAL TRANSPORT NETWORK

Examiner: Not yet assigned  
Art Unit: 2642

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to **BOX MISSING PARTS**, Commissioner for Patents, Washington, D.C. 20231, on the 23<sup>RD</sup> day of May, 2001.

  
Daniel P. McLoughlin, Reg. No. 46,066

**BOX MISSING PARTS**  
Commissioner For Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

In the Figures

Under separate letter to the Official Draftsperson, Applicant proposes drawing corrections to Figures 1 and 5. Applicant also submits new formal drawings in compliance with 37 CFR 1.84.

In the Specification

Please replace the paragraph beginning on page 12, line 9 as follows:

Fig. 4 is a block diagram illustrating an example embodiment of an optical trail that may be created across the OTN 4 of Fig. 1. This optical trail may include IUD 8, UDI link 22, TND 44, one or more internal links 51 and possibly one or more other TNDs of the OTN 4, TND 46, UDI link 35 and IUD 14.

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Please replace the paragraph beginning on page 13, line 3 as follows:

Fig. 5 is a block diagram illustrating an example of an embodiment of a more detailed view of the physical interface between TND 46 and UD 8. TND 46 may include a plurality of ports 80, 82, 84, 86, 88 and 90. Port 80 may be interfaced to internal link 58, port 82 to internal link 56, port 84 to internal link 54, port 88 to UDI link 24 and port 90 to UDI link 22, and port 86 may be idle.

Please replace the paragraph beginning on page 32, line 1 as follows:

If it is determined in Act 206 that an optical trail can be created across the OTN between the first IUD and the second IUD that satisfies the trail parameters, then in act 208, the TNC, one or more other resources of the OTN or a combination thereof may create the optical trail and send a notification signal to the requesting device indicating that the requested optical trail has been created.

#### REMARKS

In response to the Notice to File Missing Parts of Non-Provisional Application mailed April 27, 2001, Applicant respectfully requests reconsideration.

To further prosecution of this application, Applicant submits Formal Drawings that comply with 37 C.F.R. 1.84. In addition, minor corrections have been made to Figs. 1 and 5 as specified in red ink on the attached marked-up informal drawings for Figs 1 and 5. These minor corrections are reflected in the Formal Drawings. No new matter has been added by these minor corrections.

The Examiner is respectfully requested to approve the proposed corrections.

Further, minor corrections have been made to the Written Description of the Specification as illustrated on the document attached hereto entitled "Marked-Up Specification." No new matter has been added by these minor corrections.

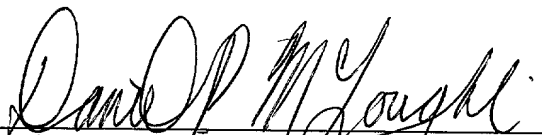
The Examiner is respectfully requested to approve the proposed corrections.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee

occasioned by this response, including an extension fee that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Respectfully submitted,

*John T. Moy & Richard A. Barry, Applicant(s)*

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Docket No. S1415/7010/SJH/DPM  
Dated: May 23, 2001  
**x06/27/01**

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**MARKED – UP SPECIFICATION**

Please replace the paragraph beginning on page 12, line 9 as follows:

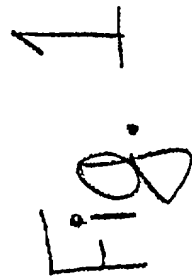
Fig. 4 is a block diagram illustrating an example embodiment of an optical trail that may be created across the OTN 4 of Fig. 1. This optical trail may include IUD 8, UDI link 22, TND 44, one or more internal links 51 and possibly one or more other TNDs of the OTN 4, [51,] TND 46, UDI link 35 and IUD 14.

Please replace the paragraph beginning on page 13, line 3 as follows:

Fig. 5 is a block diagram illustrating an example of an embodiment of a more detailed view of the physical interface between TND 46 and UD 8. TND 46 may include a plurality of ports 80, 82, 84, 86, 88 and 90. Port 80 may be interfaced to internal link 58, port 82 to internal link 56, port 84 to internal link 54, port 88 to UDI link 24 and port 90 to UDI link 22, and port [96] 86 may be idle.

Please replace the paragraph beginning on page 32, line 1 as follows:

If it is determined in Act 206 that an optical trail can be created across the OTN between the first IUD and the second IUD that satisfies the trail parameters, then in act [288] 208, the TNC, one or more other resources of the OTN or a combination thereof may create the optical trail and send a notification signal to the requesting device indicating that the requested optical trail has been created.



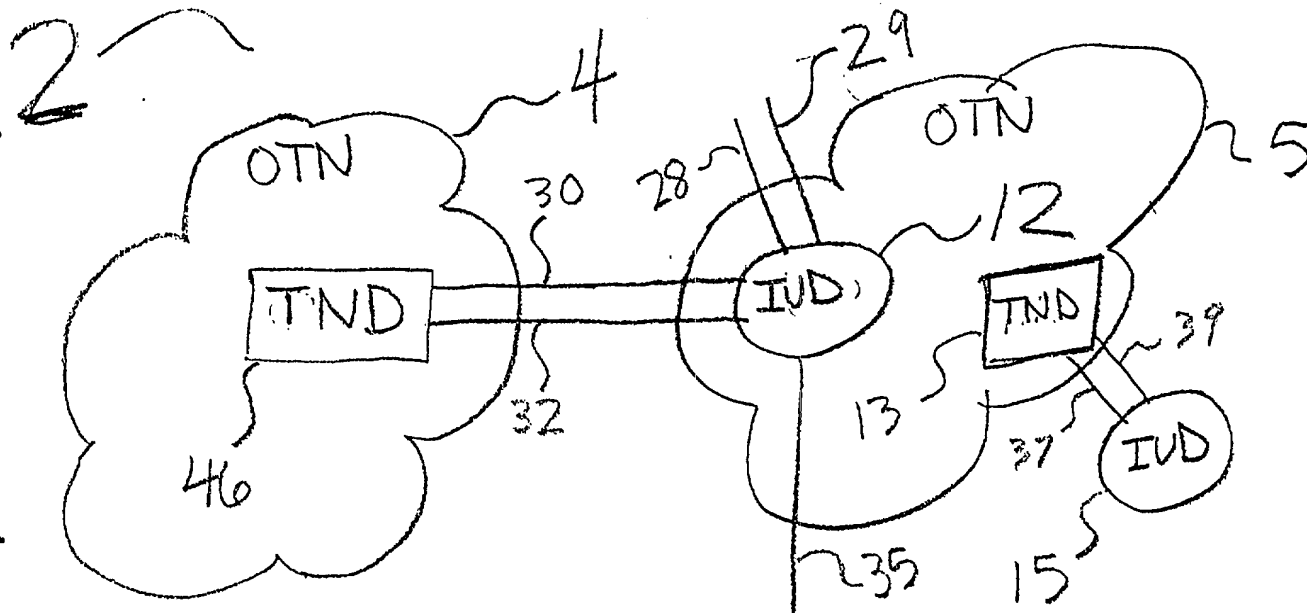


Fig. 3.

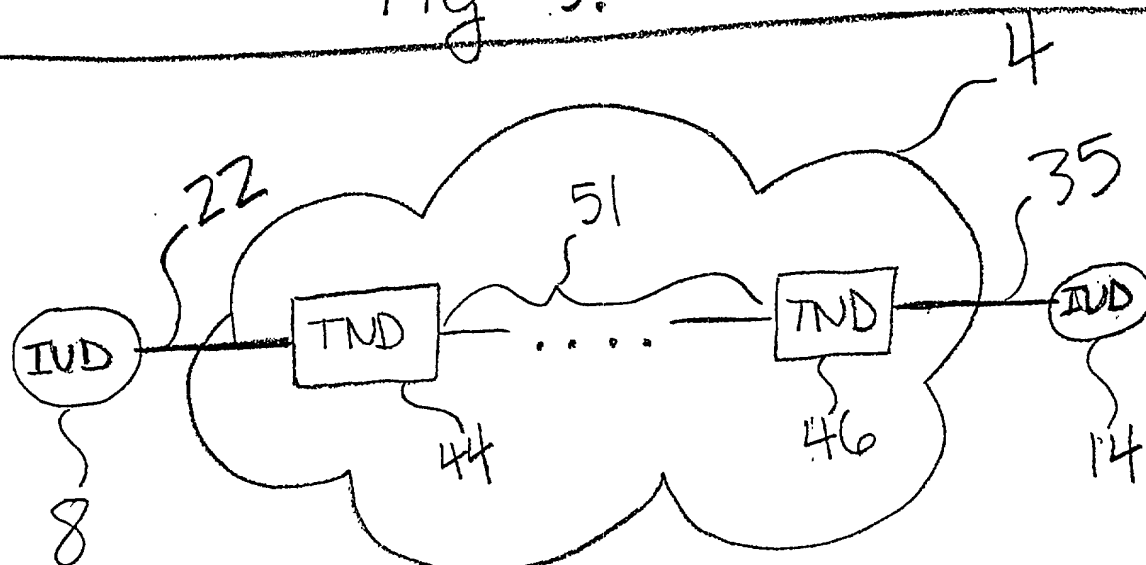


Fig. 4.

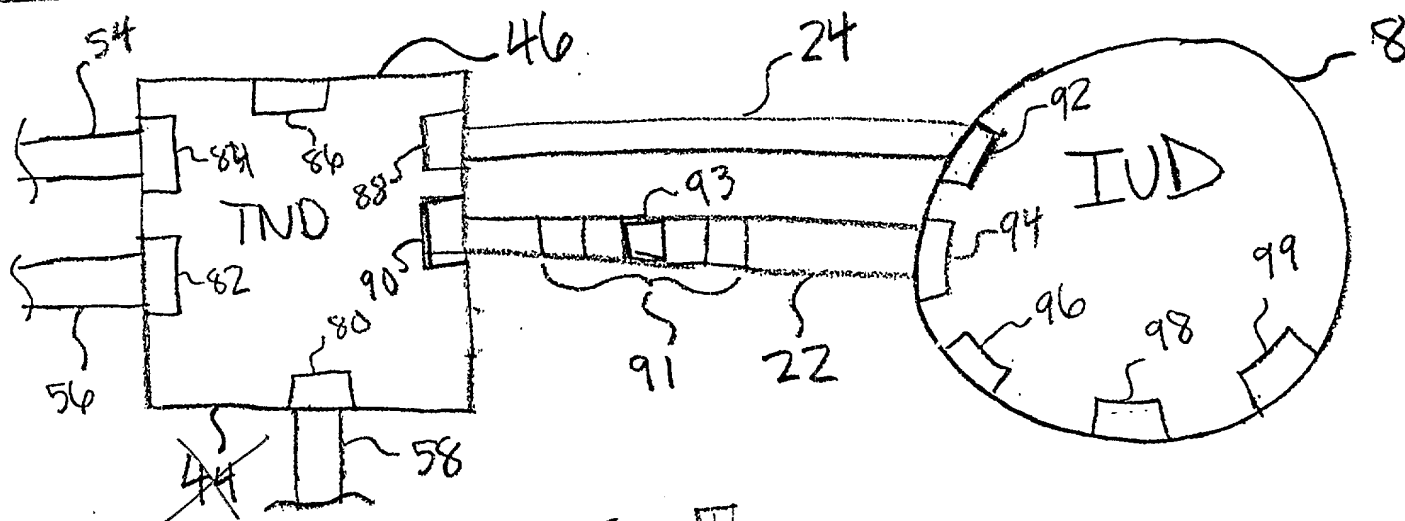


Fig. 5